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## RAW SEQUENCE LISTING

DATE: 04/23/2003

PATENT APPLICATION: US/09/674,109B

TIME: 13:34:03

Input Set : A:\4460224.APP.txt

Output Set: N:\CRF4\04232003\I674109B.raw

3 4110> APPLICANT: DIU-HERCEND, ANITA  
 4 ENTIAN, KARL-DIETER  
 5 KOETTER, PETER  
 7 4120> TITLE OF INVENTION: METHOD FOR SCREENING ANTIMYCOTIC SUBSTANCES USING  
 8 ESSENTIAL GENES FROM S. CEREVISIAE  
 10 4130> FILE REFERENCE: 146.1353  
 12 4140> CURRENT APPLICATION NUMBER: 09/674,109B  
 13 4141> CURRENT FILING DATE: 2001-06-21  
 15 4150> PRIOR APPLICATION NUMBER: PCT/EP99/02722  
 16 4151> PRIOR FILING DATE: 1999-04-22  
 18 4150> PRIOR APPLICATION NUMBER: EP 98402254.1  
 19 4151> PRIOR FILING DATE: 1998-09-11  
 21 4150> PRIOR APPLICATION NUMBER: EP 98401007.4  
 22 4151> PRIOR FILING DATE: 1998-04-24  
 24 4160> NUMBER OF SEQ ID NOS: 191  
 26 4170> SOFTWARE: PatentIn Ver. 2.1  
 28 4210> SEQ ID NO: 1  
 29 4211> LENGTH: 59  
 30 4212> TYPE: DNA  
 31 4213> ORGANISM: Artificial Sequence  
 33 4220> FEATURE:  
 34 4223> OTHER INFORMATION: Description of Artificial Sequence: primer  
 35 YLF242w-S1  
 37 4400> SEQUENCE: 1  
 38 atgtctctggg ttgtgtcat ggtattagga cctgcaggtg cagctgaagc ttctgtacgc 59  
 40 4210> SEQ ID NO: 2  
 41 4211> LENGTH: 59  
 42 4212> TYPE: DNA  
 43 4213> ORGANISM: Artificial Sequence  
 45 4220> FEATURE:  
 46 4223> OTHER INFORMATION: Description of Artificial Sequence: primer  
 47 YLF272c-S1  
 49 4400> SEQUENCE: 2  
 50 ttgggtctc gcaatttctc agtcttccaa ctaatttctc cagctgaagc ttctgtacgc 59  
 52 4210> SEQ ID NO: 3  
 53 4211> LENGTH: 59  
 54 4212> TYPE: DNA  
 55 4213> ORGANISM: Artificial Sequence  
 57 4220> FEATURE:  
 58 4223> OTHER INFORMATION: Description of Artificial Sequence: primer  
 59 YLF275w-S1  
 61 4400> SEQUENCE: 3  
 62 ccgttttata atgtctatg ttgtatctta accattttta cagctgaagc ttctgtacgc 59

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64 <210> SEQ ID NO: 4
65 <211> LENGTH: 62
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
71     YLR275w-S2
73 <400> SEQUENCE: 4
74 caacgataac taactacact cttaagaata gtttacttat gcataggcca ctagtggatc 60
75 tg                                     62
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 59
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
84     YLR176c-S1
86 <400> SEQUENCE: 5
87 ctccacacga tatactttac cattcttttg cttaactgact cagctgaagc ttogtaagc 59
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 62
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
96     YLR176c-S2
98 <400> SEQUENCE: 6
99 agctatgaga aagagtctgt ggaaggcgt tatattgacg gcataggcca ctagtggatc 60
100 tg                                     62
102 <210> SEQ ID NO: 7
103 <211> LENGTH: 59
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
109     YLR317w-S1
111 <400> SEQUENCE: 7
112 ctgcacatct ctgcacacac ttgtctcttc ttctttgatg cagctgaagc ttogtaagc 59
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 59
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
121     YLR359w-S1
123 <400> SEQUENCE: 8
124 gactattgct gagaaggaat tgggcttaac tgttggtaca cagctgaagc ttogtaagc 59
126 <210> SEQ ID NO: 9
127 <211> LENGTH: 62

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128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
133     YLR359w-S2
135 <400> SEQUENCE: 9
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137 tq                                         62
139 <210> SEQ ID NO: 10
140 <211> LENGTH: 59
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
146     YLR373c-S1
148 <400> SEQUENCE: 10
149 acacacacggt acagagtgct gaaagaggat tgggtgttgcc cagctgaagc ttogtacgc 59
151 <210> SEQ ID NO: 11
152 <211> LENGTH: 6
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
158     YLR373c-S1
160 <400> SEQUENCE: 11
161 caaacagact ttgttccttt gtatgtccta tgggaagatac gcataggcca ctagtggatc 60
162 tq                                         62
164 <210> SEQ ID NO: 12
165 <211> LENGTH: 59
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
171     YLR424w-S1
173 <400> SEQUENCE: 12
174 gacatgacgt acactaatga tgccttgaaa actagtagcg cagctgaagc ttogtacgc 59
176 <210> SEQ ID NO: 13
177 <211> LENGTH: 62
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
183     YLR424w-S2
185 <400> SEQUENCE: 13
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187 tq                                         62
189 <210> SEQ ID NO: 14
190 <211> LENGTH: 59
191 <212> TYPE: DNA

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192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
196     YLR437c-S1
198 <400> SEQUENCE: 14
199 atgtggaag tctgttaaag tcttctcttg gatccattaa cagctgaagc ttogtaagc 59
201 <210> SEQ ID NO: 15
202 <211> LENGTH: 63
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
208     YLR437c-S1
210 <400> SEQUENCE: 15
211 catcacacac taatacagga acaaacaga cttastggac gcataggcca ctagtggatc 69
212 tg                                     62
214 <210> SEQ ID NO: 16
215 <211> LENGTH: 59
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
221     YLR440c-S1
223 <400> SEQUENCE: 16
224 ttgccaagca aattgcagta aaaaatgttg aagagcaact cagctgaagc ttogtaagc 59
226 <210> SEQ ID NO: 17
227 <211> LENGTH: 63
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
233     YLR440c-S1
235 <400> SEQUENCE: 17
236 gctacaattc tagtgtgtc cattgcgatg taacaatttc gcataggcca ctagtggatc 60
237 tg                                     62
239 <210> SEQ ID NO: 18
240 <211> LENGTH: 59
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
246     YFL024c-S1
248 <400> SEQUENCE: 18
249 tgatgaattt ttctgggta tagaagagtt ctgtttcgt cagctgaagc ttogtaagc 59
251 <210> SEQ ID NO: 19
252 <211> LENGTH: 63
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:

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Input Set : A:\4460224.APP.txt

Output Set : N:\CRF4\04232003\I674109B.raw

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257 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
258     YML049c-S.
260 <400> SEQUENCE: 19
261 actactgcat cggactcttc gtcgactctgg aagcagggtc gcataggcca ctagtggatc 60
262 tg                                     62
264 <210> SEQ ID NO: 20
265 <211> LENGTH: 62
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
271     YFL004c-S.
273 <400> SEQUENCE: 20
274 aaactcttcaa acgtatata gataaatgac ggttcgcata gcataggcca ctagtggatc 60
275 tg                                     62
277 <210> SEQ ID NO: 21
278 <211> LENGTH: 59
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
284     YFR003c-S1
286 <400> SEQUENCE: 31
287 tgtggaagag gtttcagcag ttctgcagct toagagcaact cagctgaagc ttogtaagc 59
289 <210> SEQ ID NO: 22
290 <211> LENGTH: 60
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
296     YFR003c-S.
298 <400> SEQUENCE: 12
299 atctctcttg tctacttcg ttaaagtcga gatccttctc gcataggcca ctagtggatc 60
300 tg                                     62
302 <210> SEQ ID NO: 23
303 <211> LENGTH: 59
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
309     YFF017w-S1
311 <400> SEQUENCE: 13
312 aatgaaagct aggaattcgc agagaaaagc gggcagtaaa cagctgaagc ttogtaagc 59
314 <210> SEQ ID NO: 24
315 <211> LENGTH: 62
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Description of Artificial Sequence: primer

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/674,109B

DATE: 04/23/2003  
TIME: 13:34:04

Input Set : A:\4460224.APP.txt  
Output Set: N:\CRF4\04232003\I674109B.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:181; N Pos. 27,28,29,30,31,32

Seq#:182; N Pos. 1,2,3,4,5